

WHAT IS CLAIMED IS:

1. A disc insertion preventive device comprising:

a housing having a disc slot made on its front side;

5 a stopper having a flat plate and front and rear blocking pieces dependent from the opposite lateral edges of the flat plate, the stopper being pivotally fixed to the housing with the front blocking piece directed toward the disc slot of the housing; and

swinging means responsive to the absence of a disc in the housing for inclining the stopper with the rear blocking piece down and with the front blocking piece up, thus preventing advance of a disc beyond the descendent rear blocking piece; responsive to insertion of a disc for keeping the stopper horizontal, thereby permitting advance of the disc to the final loading position in the housing, and responsive to the presence of a disc in the housing for inclining the stopper with the rear blocking piece up and with the front blocking piece down, thereby preventing insertion of another disc from the disc slot.

2. A disc insertion preventive device according to claim 1, wherein the flat plate of the stopper has first and second lateral narrow extensions from its opposite sides, and a leg extension extending downward from lateral side end of the first lateral narrow extension, the first lateral narrow extension having a slope formed on its upper surface;

the swinging means comprising:

a first rotary lever having first and second arms, the first rotary lever being placed next to one end of the disc slot, and being spring-biased toward the stand-by position in which: the first arm is located to be hit and pushed by a disc when inserted in the disc slot; and the second arm is applied to the slope of the first lateral narrow extension of the flat plate of the stopper whereby the stopper may balance on the leg extension in response to insertion of the disc from the disc slot, allowing advance of the disc to the final loading position;

30 a second rotary lever one end being rotatably fixed to the housing;

forward and rearward rolls both ganged and movably fixed to the housing, and operatively connected to the second rotary lever, the rearward roll having latch means to keep the stopper inclined with the rear blocking piece down and with the front blocking piece up; the forward roll being placed so close to the other end of the

disc slot as to be hit and pushed by a disc when inserted in the disc slot, whereby the ganged rolls are shifted laterally to allow the rearward roll to release the stopper, and at the same time rotate the second rotary lever until it catch the other engagement projection of the second lateral narrow extension of the flat plate of the stopper, thus
5 keeping the stopper standing on the leg extension; and

a slider movably fixed to the housing, the slider having a cam abutting the leg extension of the stopper, the slider being movable in unison of the advance of the disc in the housing while allowing the leg extension to follow the cam contour, thus tilting the stopper when the disc reaches the final loading position so that the rear blocking
10 piece rises up and that the front blocking piece descends down, thus preventing insertion of another disc from the disc slot.

3. A disc insertion preventive device according to claim 2, wherein the first rotary lever further having a third arm to abut and hold the first lateral narrow extension of
15 the flat plate of the stopper when the second arm makes the stopper balance on the leg extension, thus preventing further rotation of the second arm.